

How to Use OBS Studio to Energize Your Zoom Presentations: Engage Your Students and Enrich Learning

We will begin shortly. Please answer the brief poll question.

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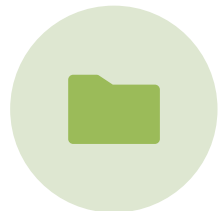
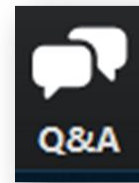
Agenda



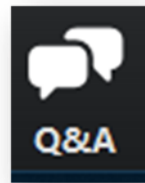
1. What is OBS Studio and why use it?



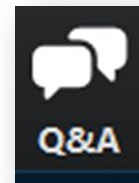
2. Tour of main features



3. OBS sources/filters



4. OBS Studio Scenes



1. What is OBS Studio?



Video production/streaming and recording tool



Replaces webcam as Zoom video source



**Allows mixing and queuing of files
(sources)**

File Edit View Profile Scene Collection Tools Help

No source selected

Properties Filters

Scenes: Welcome, Presentation, Presentation over, Happy holidays

Sources: Logi, PPT window, ARA background

Audio Mixer: Desktop Audio (-1.3 dB), Mic/Aux (-1.8 dB)

Scene Transitions: Cut

Controls: Start Streaming, Start Recording, Stop Virtual Camera, Studio Mode, Settings, Exit

LIVE: 00:00:00 REC: 00:00:00 CPU: 1.8%, 30.00 fps

OBS Studio

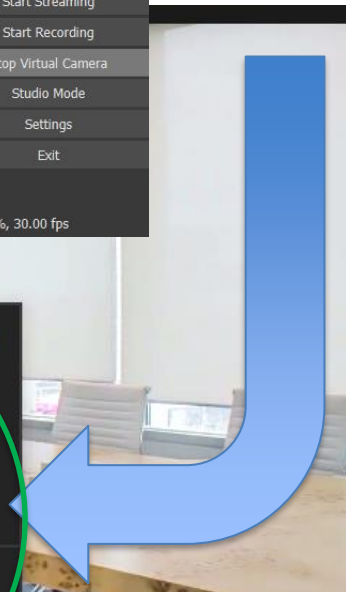
Zoom

Select a Camera (Alt+N to switch)

- Logitech BRIO
- FaceTime HD Camera (Built-in)
- Logi Capture
- ✓ OBS Virtual Camera
- Choose Virtual Background...
- Choose Video Filter...
- Video Settings...

Ron Owston

Unmute Stop Video Security Share Screen More End



Some caveats...

Not particularly user-friendly

Documentation a bit “techie”

Many features won't be needed for educators

Multiple ways of doing same task

Why use OBS Studio?

**Create more
engaging
presentations**

**Superimpose
your video
onto slides**

**Rapid sharing
of documents**

**Share multiple
sources
simultaneously**

**Create virtual
panels in same
room!**

**Does not affect
any Zoom
functions**

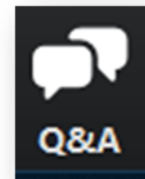
2. Tour of OBS Studio main features...

Sources – objects on screen

Scenes – collections of sources

Filters and properties

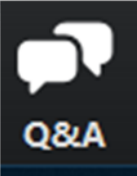
Streaming to Zoom



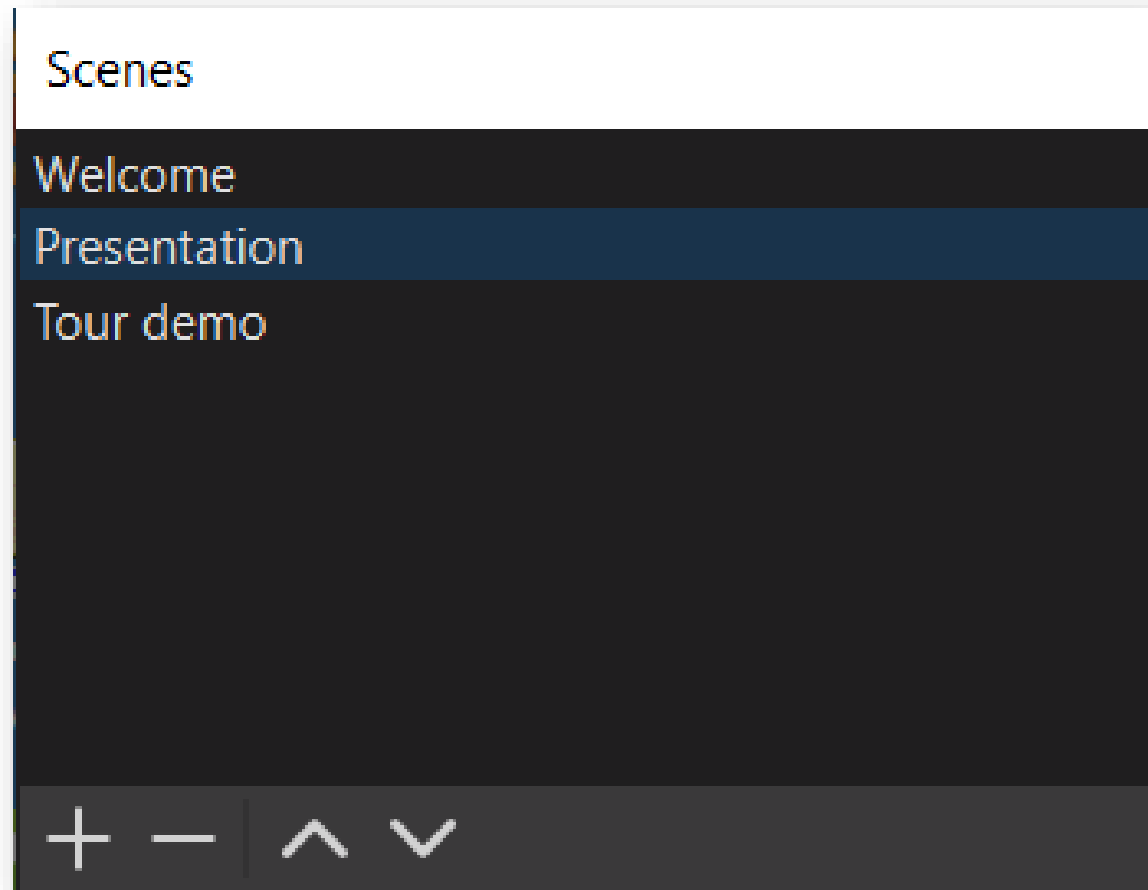
3. OBS Studio sources and filters

- Audio Input Capture
- Audio Output Capture
- Browser
- Color Source
- Display Capture
- Game Capture
- Image
- Image Slide Show
- Media Source
- Scene
- Text (GDI+)
- Video Capture Device
- Window Capture
- Group
- Deprecated

- Apply LUT
- Chroma Key
- Color Correction
- Color Key
- Crop/Pad
- Image Mask/Blend
- Luma Key
- Render Delay
- Scaling/Aspect Ratio
- Scroll
- Sharpen



4. OBS Studio scenes – putting it all together



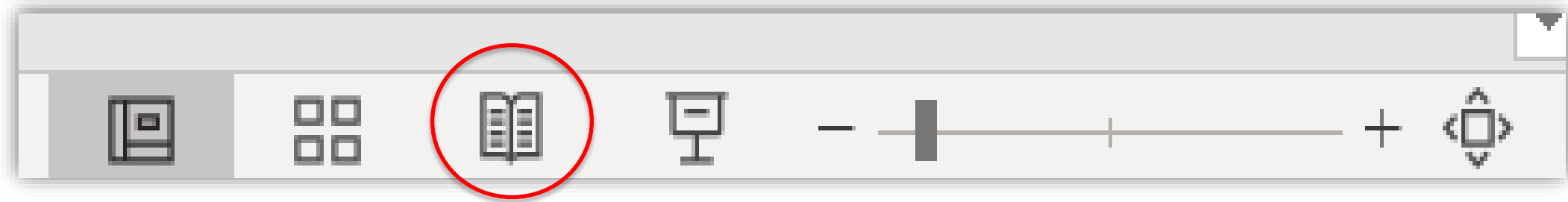
Keyboard short cuts – see

<https://obsproject.com/wiki/Keyboard-Shortcuts>

Sources and filters – see

<https://obsproject.com/wiki/>

- **Capturing PPT window in OBS with Reading View**




- **Capturing Google Slides window in OBS**


Open Presentation view
then use **CTL – Shift – F5**

OBS Studio step-by-step ideas to try...


Connect your webcam using green screen + Chroma key filter (or use Skype with solid green background)



Add a picture Source for OBS background



Share PPT via Window Capture (PPT must be in Reading view)



Create different Scenes with various Sources



ADVANCED – bring multiple participants into your room

Challenge – give OBS Studio a try in next class!

**How to Create Active and Engaging Learning
Experiences with Zoom Breakout Rooms – Oct 13**

<https://teachonline.ca/webinars>

Thank you!
<http://ronowston.ca>

